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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-1312-L)

PATENT

In re Application of:)
Michael Kopreski)
Serial No.: 10/684,633) Before the Examiner: Lu
Filed: 10/14/2003) Group Art Unit: 1634
For: Method Enabling Use of Extra-)
Cellular RNA Extracted from)
Plasma or Serum to Detect,)
Monitor, or Evaluate)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TRANSMITTAL LETTER

1. We are transmitting herewith the attached papers for the above-described patent application: Information Disclosure Statement and return postcard.
2. GENERAL AUTHORIZATION TO CHARGE OR CREDIT FEES: Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2490.
3. CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8: The undersigned hereby certifies that this Transmittal Letter and the papers, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 29, 2006.

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff

Dated: August 29, 2006

By: _____
Kevin E. Noonan, Ph.D.
Reg. No. 35,303



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INFORMATION DISCLOSURE STATEMENT

This statement is filed under 37 C.F.R. §§ 1.97-1.98 in compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the claimed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

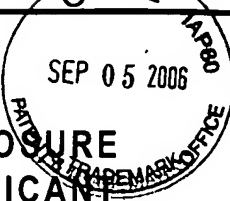
If there is any fee due in connection with the filing of this Statement, Applicants hereby authorize the Commissioner to charge the fee to Deposit Account No. 13-2490.

Dated: August 29, 2006

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff

By: _____

Kevin E. Noonan, Ph.D.
Reg. No. 35,303

Substitute for form 1449A/PTO <div style="text-align: center;">  </div> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known				
				Application No.	10/684,633			
				Filing Date:	10/14/2003			
				First Named Inventor	Michael S. Kopreski			
				Group Art Unit	1634			
				Examiner Name	Lu			
				Attorney Docket No.	00-1312-L			
Sheet	1		of	8				
U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear		
		Number	Kind Code ² (if known)					
		5,098,890		Gerwitz et al.	3/24/92			
		4,999,290		Lee	3/12/91			
		4,874,858		Magistro	10/17/89			
		4,699,877		Cline et al.	10/13/87			
		5,087,617		Smith	2/11/92			
		5,409,818		Davey et al.	4/25/95			
		4,683,195		Mullis et al.	7/28/87			
		5,470,724		Ahern	11/28/95			
		5,300,635		Macfarlane	4/5/94			
		5,217,889		Roninson et al.	6/8/93			
		5,124,246		Urdea et al.	6/23/92			
		5,274,087		Barnett et al.	12/28/93			
		5,155,018		Gillespie et al.	10/13/92			
FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		DE	3717212	A1	Viktor Balazs	12-08-1988		
		WO	90/09456	A1	Victor Balazs	08-23-1990		
OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						T ²
		Abravaya et al., "Detection of point mutations with a modified ligase chain reaction (GAP-LCR)," <i>Nucleic Acids Research</i> 23:675-682 (1995).						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English translation is attached.

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		Alkema et al., "Characterization and Chromosomal Localization of the Human Prata-Oncogene BMI-1," <i>Human Mol Genet</i> 2:1597-1603 (1993)	
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		Bauer et al., "Identification of H-2Kb Binding and Immunogenic Peptides from Human Papilloma Virus Tumour Antigens E6 and E7," <i>Scand J Immunol</i> 42:317-323 (1995).	
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		Bocchia et al., "Specific Binding of Leukemia Oncogene Fusion Peptides to HLA Class I Molecules," <i>Blood</i> 85:2680-2684 (1995).	
		Boom et al., "Rapid and Simple Method for Purification of Nucleic Acids," <i>J Clin Micro</i> 28:495-503 (1990).	
		Boom et al., "Rapid Purification of Hepatitis B Virus DNA from Serum," <i>J Clin Micro</i> 29:180-181 (1991).	
		Brossart et al., "Detection of residual tumor cells in patients with malignant melanoma responding to immunotherapy," <i>J Immunotherapy</i> 15:38-41 (1994).	
		Buchman et al., "Selective RNA amplification: A novel method using d UMP-containing primers and uracil DNA glycosylase," <i>PCR Methods Applic</i> 3:28-31 (1993).	
		Carr et al., "Circulating Membrane Vesicles in Leukemic Blood," <i>Cancer Research</i> 45:5944-5951 (1985).	
		Cheung et al., "Rapid and Sensitive Method for Detection of Hepatitis C Virus RNA by Using Silica Particles," <i>J Clin Micro</i> 32:2593-2597 (1994).	
		Chirgwin et al., "Isolation of biologically active ribonucleic acid from sources enriched in ribonuclease," <i>Biochemistry</i> 18:5294-5299 (1979).	

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		Chomczynski and Mackey, "Modification of the TRI reagent (TM) procedure for isolation of RNA from polysaccharide- and proteoglycan-rich sources," <i>BioTechniques</i> 19:942-945 (1995).		
		Chomczynski and Mackey, "Substitution of chloroform by bromo-chloropropane in the single-step method of RNA isolation," <i>Analytical Biochemistry</i> 225:163-164 (1995).		
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		Colomer et al., "erbB-2 antisense oligonucleotides inhibit the proliferation of breast carcinoma cells with erb-2 oncogene amplification," <i>Br J Cancer</i> 70:819-825 (1994).		
		Coutlee et al., "Immunodetection of DNA with biotinylated RNA probes: A study of reactivity of a monoclonal antibody to DNA-RNA hybrids," <i>Analytical Biochemistry</i> 181:96-105 (1989).		
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		Doi et al., "Detection of beta-human chorionic ganadotropin mRNA as a marker for cutaneoud malignant melanoma," <i>Int J Cancer</i> 65:454-45- (1996)		
		Dosaka et al., "A complex pattern of translational initiation and phosphorylation in L-Myc Proteins," <i>Oncogene</i> 6:371-378 (1991)		
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		Feng et al., "The RNA component of human telomerase," <i>Science</i> 269:1236-1241 (1995)		

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		Fournie et al., "Recovery of nanogram quantities of DNA from plasma and quantitative measurement using labeling by nick translation," <i>Analytical Biochemistry</i> 158:250-256 (1986)		
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		Imai et al., "Detection of HIV-1 RNA in Heparinized Plasma of HIV-1 Seropositive Individuals," <i>J Virol Methods</i> 36:181-184 (1992)		
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		Kahn et al., "Rapid and sensitive nonradioactive detection of mutant K-ras genes via enriched PCR amplification," <i>Oncogene</i> 6:1079-1083 (1991)		

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		Kamm and Smith, "Nucleic acid concentrations in normal human plasma," <i>Clinical Chemistry</i> 18:519-522 (1972)	
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		Miller et al., "Detection of minimal residual disease in acute promyelocytic leukemia by a reverse transcription polymerase chain reaction assay for the PML/RAR-alpha fusion mRNA," <i>Blood</i> 82:1689-1694 (1993)		
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		Reddi and Holland, "Elevated Serum Ribonuclease in Patients with Pancreatic Cancer," <i>Proc Nat Acad Sci USA</i> 73:2308-2310 (1976)		

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		Rieber and Bacalao, "An 'external' RNA removable from mammalian cells by mild proteolysis," <i>Proc Natl Acad Sci USA</i> 71:4960-4964 (1974)		
		Roggenbuck et al., "Human Papillomavirus Type 18 E6 and E6, and E7 Protein Synthesis in Cell Free Translation Systems and Comparison of E6 and E7 in Vitro Translation Products to Proteins Immunoprecipitated from Human Epthelial Cells," <i>J Viral</i> 65:5068-72 (1991)		
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		Rosi et al., "RNA-Lipid Complexes Released from the Plasma Membrane of Human Colon Carcinoma Cells," <i>Cancer Lett</i> 39:153-160 (1988)		
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				Application No.	10/684,633
				Filing Date:	10/14/2003
				First Named Inventor	Michael S. Kopreski
				Group Art Unit	1634
				Examiner Name	Lu
Sheet	8	of	8	Attorney Docket No.	00-1312-L

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
		Stock et al., "Value of molecular monitoring during the treatment of chronic myeloid leukemia: A cancer and leukemia group B study," <i>J Clin Oncology</i> 15:26-36 (1997)		
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